

# Maths

## Data Handling

### Emergent Skills

#### P4 - 5

Indicate "the same" object/picture as one shown.

Select an object/picture from a small set and find another to match it.

Match a photograph to a person/object.

Group or sort sets of objects for a single attribute i.e. colour, size, shape e.g., coins & money notes or function.

Select an object from a range to match a given category or function.

Order objects in rows so that they can be compared/quantified.

Solve functional problems of quantity by making a small number of sets equal in size.

## Pattern and Function

### Emergent Skills

#### P4 - 5

Demonstrate an understanding of cause and effect through interacting with objects in the environment e.g. press switches to operate objects.

Anticipate the next action in a number rhyme/song.

Aware of the use of objects e.g., draw with a pencil, look for spoon and fork when given a meal.

Select appropriate tools for the task i.e. money for shopping.

Relate familiar objects e.g., gloves for hands, shoes for feet.

Complete simple inset puzzles.

Complete a sequence of actions/activities that creates a pattern.

## Shape and Space

### Emergent Skills

#### P4 - 5

Begin to search for objects that have gone out of sight, hearing or touch.

Handle a range of objects of different shapes.

Match 2-D shapes in a range of practical situations i.e. coins.

Match -3D shapes in a range of practical situations.

Match objects by size.

Place objects into containers and takes them out independently.

Post items according to their shape by trial and error.

Put large round pegs in pegboard.

Line up objects.

Aware of objects normal place.

Place objects where asked e.g., in/out.

Build / stacks at least 2 objects.

Assemble simple construction materials.

## Measurement

### Emergent Skills

#### P4 - 5

Fill and empty a variety of containers with a range of materials e.g., fill a piggy bank with coins.

Demonstrate early understanding of volume when there is a clear contrast e.g. chooses full glass of preferred drink.

Lift a range of objects / materials with clear contrast in weight.

Demonstrate early understanding of weight e.g. braces self to lift a heavy item.

Match objects with a clear contrast in size/length/volume.

Select a requested object from 2 where there is a clear contrast in size/length/volume.

Begin to carry out activities/ performing actions quickly and slowly and starting and stopping abruptly.

Begin to carry out activities according to simple time vocabulary 'fast / slow, go / stop / wait', with adult

## Number

### Emergent Skills

#### P4 - 5

Communicate gone or all gone appropriately.

Enjoy helping to count objects.

Follow counting sequence.

Join in with number rhymes.

Ask for more.

Respond to "give me more".

Take 'one' in learned situations – e.g. a biscuit.

Demonstrate understanding the concept of 'many' and 'few' i.e. chooses many crisps rather than one or two.

Experience 1:1 correspondence in everyday situations.

Indicate one object on request.

Makes sets with one and with lots of objects.

Begin to match two equal sets.

Indicate two items s on request.

Recognize number names in everyday situations i.e. value on coins and notes.